

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A system, comprising:
a portable computer having a processor, an information detection part and a communication part, said portable computer acquiring at least a plurality of items of information that are sensed by said information detection part, and said communication part communicating information indicative of said plurality of items of information to a remote server, and said communication part obtaining current position information, indicative of a user's current position, which position information is based on response from said remote server.
2. (Original) A system as in claim 1, wherein said processor controls assembling said plurality of items of information into a form having a specified format, and sending said form to said remote server.
3. (Original) A system as in claim 2, wherein said form is in an XML format.
4. (Original) A system as in claim 1, wherein said detection part detects an indication of whether current information is being received from a satellite positioning as at least one of said items of information.

5. (Original) A system as in claim 4, wherein said detection part detects a time since said current information has been acquired as at least one of said items of information.

6. (Original) A system as in claim 1, wherein said items of information does not include satellite positioning signals or information derived from satellite positioning signals.

7. (Original) A system as in claim 1, further comprising a computer at said remote server which receives said information, calculates a position based on said information, and returns information indicative of said position to said portable computer.

8. (Original) A system as in claim 1, wherein said items of information include at least one item with environmental clues.

9. Cancelled

10. (Original) A system as in claim 8, wherein item with said environmental clues includes visual information that is detected in an area of said portable computer as at least one of said items of information.

11. (Original) A system as in claim 8, wherein said item with said environmental clues includes sounds being detected in an area of said portable computer as at least one of said items of information.

12. (Original) A system as in claim 1, wherein said portable computer includes a cellular telephone.

13. (Original) A system as in claim 12, wherein said detection part detects information about at least one base station which is communicating with said cellular telephone as at least one of said items of information.

14. cancelled.

15. cancelled

16. (Original) A system as in claim 1, further comprising a remote server with a computer which receives said information, calculates a position based on said information, and returns information indicative of said position to said portable computer.

17. (Original) A system as in claim 16, wherein said at least one items of information include at least one item with environmental clues.

18. Cancelled

19. (Original) A system as in claim 17, wherein item with said environmental clues includes visual information that is detected in an area of said portable computer as at least one of said items of information.

20. (Original) A system as in claim 17, wherein said item with said environmental clues includes sounds being detected in an area of said portable computer as at least one of said items of information.

21. (Original) An apparatus as in claim 17, wherein said environmental clues include information on the signature of noise which is being received.

22. (Original) An apparatus as in claim 17, wherein said environmental clues include information about which of a plurality of cellular telephone sites are being communicated with.

23. (Original) An apparatus as in claim 17, wherein said environmental clues include local sounds.

24. (Original) An apparatus as in claim 23, wherein said environmental clues include local visual elements.

25. (Original) An apparatus as in claim 24, further comprising a privacy enhancement element, which prevents said transceiver from transmitting said information indicative of current location.

26. (Original) An apparatus as in claim 22, wherein said information indicative of a current location is sent as an XML form.

27. Cancelled

28. Cancelled.

29. Cancelled.

30. (Previously Presented) A method, comprising:
acquiring information about a local area, from a client that is located in the local area;
sending the information over a data channel from the client to a remote server;
using the information at the remote server, to determine a position of the local area; and
returning information indicative of the position of the local area, to the client in the local area.

31. (Original) A method as in claim 30, wherein said information about the local area includes at least one item of the information which is not satellite positioning information or acquired from satellite positioning information.

32. (Original) A method as in claim 31, wherein said at least one item includes environmental clues about the local area.

33. (Previously Presented) A method as in claim 31, wherein said client is part of a cellular phone.

34. (Original) A method as in claim 33, wherein said sending and said returning are carried out over said wireless telephone network.

35. (Original) A method as in claim 33, wherein said at least one item includes information from the wireless telephone switching network.

36. (Previously Presented) A method comprising:
sensing information about a local area of a local processing element;
transmitting said information to a remote processing element;
in the remote processing element, calculating a position of the local processing element, based on said information, and sending said position to said local processing element; and

in said local processing element, taking an action based on said position, without calculating said position in said local processing element.

37. (Original) A method as in claim 36, wherein said taking an action comprises displaying the position at the local processing element.

38. (Original) A method as in claim 36, wherein said information about the local area includes at least one item of the information which is not satellite positioning information or acquired from satellite positioning information.

39. (Original) A method as in claim 38, wherein said at least one item includes environmental clues about the local area.

40. (Original) A method as in claim 36, further comprising communicating to a wireless telephone switching network, from said local area.

41. (Original) A method as in claim 40, wherein said transmit and said returning are carried out over said wireless telephone network.

42. (Original) A method as in claim 40, wherein said at least one item includes information from the wireless telephone switching network.